

Title (en)
Pneumatic tires

Title (de)
Luftreifen

Title (fr)
Bandage pneumatique

Publication
EP 0721971 A1 19960717 (EN)

Application
EP 96300240 A 19960112

Priority
JP 450595 A 19950113

Abstract (en)
A pneumatic tire having improved rolling resistance and wear resistance comprises a tread made from a rubber composition containing a partially hydrophobized silica subjected to a surface treatment with an organosilicon compound so as to have a specified hydrophobization ratio.

IPC 1-7
C08K 9/06; C08K 3/36; C08L 21/00

IPC 8 full level
B60C 1/00 (2006.01); **C08K 3/36** (2006.01); **C08K 5/5419** (2006.01); **C08K 5/548** (2006.01)

CPC (source: EP)
B60C 1/0016 (2013.01); **C08K 3/36** (2013.01); **C08K 5/5419** (2013.01); **C08K 5/548** (2013.01); **Y02T 10/86** (2013.01)

Citation (applicant)

- JP H03252431 A 19911111 - BRIDGESTONE CORP
- JP H0551484 A 19930302 - BRIDGESTONE CORP
- JP S632886 B2 19880121
- JP H06157825 A 19940607 - NIPPON SILICA IND
- KAUTSCHUKU GUMMI., vol. 7, no. 8, 1954, pages 180 - 182

Citation (search report)

- [X] US 3768537 A 19731030 - CREASEY J, et al
- [A] EP 0580370 A1 19940126 - SUMITOMO RUBBER IND [JP]
- [X] PATENT ABSTRACTS OF JAPAN vol. 018, no. 639 (C - 1282) 6 December 1994 (1994-12-06)

Cited by

- US6465581B1; EP0795577A1; EP2072281A1; EP3124530A1; EP0796891A1; EP3300922A1; EP1226982A1; EP0952185A1; US5914364A; EP0864605A3; US6369138B2; US8522847B2; WO0146312A1; US10125244B2; US10947369B2; US6548573B1; US6277902B1; WO0112731A1; WO0112730A1; US6736891B1; EP0731133B1

Designated contracting state (EPC)
DE ES FR GB IT NL

DOCDB simple family (publication)
EP 0721971 A1 19960717; EP 0721971 B1 20000913; DE 69610228 D1 20001019; DE 69610228 T2 20010222; ES 2151635 T3 20010101

DOCDB simple family (application)
EP 96300240 A 19960112; DE 69610228 T 19960112; ES 96300240 T 19960112